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Subject: Attention Tung S Lau

re Application 10/719,676 Refrigeration Monitor Wiebe et al

Further to our telephone conversation of September 16, enclosed is a draft of a proposed claim 26 which we hope satisfies your objections. I've sent this in hard copy to make it easier to talk about by phone. I will call to discuss this on Monday, September 26.

- 26 (Amended) A method of monitoring refrigeration equipment having a compressor, a condenser, an evaporator and a refrigeration chamber comprising:
- (a) continuously sensing the values of selected operating parameters of the refrigeration equipment; and
 - (b) performing equipment checks on the sensed values to identify existing or incipient problems with the refrigeration equipment;

wherein:

the sensed values of the operating parameters are sampled at regular intervals and the sampled values are inserted into a database to maintain a time series of the recent history of each operating parameter, each time series comprising more than one pair of values, each pair of values comprising the sampled value of an operating parameter and a value representing the point in time at which the sample was sensed;

and

the refrigeration equipment is actively monitored for existing or incipient equipment problems by repeatedly retrieving the entire stored time series of the recent history of one or more operating parameters and tracking the trend of each said operating parameter by examining the interrelationship over time of values from each of the time series so retrieved from the database.